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Observations, made by several Astronomers, domestic and forrain, of the late Eclipse of the Moon, on Septemb. 8. 1671; here delivered in the Languages ; in which they were Communicated.

I. **T**hat of Mr. Street was this, in London.

Time by Altitudes corr.
by parall. and refraction.
o. h.

The *Emerſion*: Altit. of the upper edge of the ☾ 10 30 | 7 21
The *End* of the Eclipse; Alt. of *Arcturus*— 16 20 | 8 16

By my Tables (ſaith he) of *Aſtronomia Carolina*;

	T. app. h.		
The Beginning at —————	4	50	8
Immersion —————	5	47	4½
Middle —————	6	34	55
Emerſion —————	7	22	6
End —————	8	19	42

2. Ann. 1671, d. 8. Sept. circa horam sextam vespert. Luna ascendebat totaliter obſcurata ſub Elevat. Poli 50°. 15'. Edoniæ in Comitatu Northamptoniano Angliæ. *

* Obſervante Doctiſſimo
Dn Faimus, teſte Dn. De
B lheres, Gallo, præſente
cũ Obſervatio hæc per-
ageretur.

Capit emergere ex Umbra, centro Lune
alto 2°. 35', ſive hor. 7. 18'.

Finis, Arcturo alto 16°, 30', ſive ho. 8. 16'.

20': Unde computatur Medium Eclipse ſu-
iſſi hor. 6. 28'. 16'.

3. The Learn'd Bullialdus communicated from Paris, a-
bout this Eclipse, the following Obſervations; which, by
his favour, we ſubjoyn thus;

*Ex Epilogiſmo Cæculi Eclipse Lune, quæ facta eſt d. 18 Sep-
tembris ſt. nov, ex Tab. Philolaicis;*

Datur

Datur Uraniburgi T. A.				Parisiis.				Latit. Lune vera.			
	h.	'	"		h.	'	"		h.	'	"
Initium	5	50	29	Init.	5	10	29	Initio	1	13	
Total. obfc.	6	50	29	Tot. obfc.	6	10	29	Fine	12	48	
Max. obfc.	7	40	18	Max. obfc.	7	0	18				
Vera &	7	41	22	Vera &	7	1	22				
Emerſio	8	30	7	Emerſio	7	50	7				
Finis	9	30	7	Finis	8	50	7				

Observatus est Parisiis

Finis, alto Arcturo ad Occasum	g.	13	41	"
Ablata refractione, alto	g.	13	37	45
Hinc datur finis observatus	g.	8	29	16
Finis Penumbra alto Arcturo	g.	13	0	
Correct.	g.	12	56	
Unde datur	g.	8	33	40
Cælum ergo anticipavit Tabularum calculum	g.	29	51	
Heckerus in Ephemeridibus ponit finem ex Rudolphinis,	h.			
Uraniburgi T. A.	g.	9	37	7
Fuisset Parisiis	g.	8	57	7
Cælum ergo anticipavit Calc. Rudolph.	g.	0	0	27
Observata est Mæotis tota extra Umbra	h.	8	24	16
Alto Arcturo	g.	14	26	0
Correct.	g.	14	23	55

Exivit Luna ex umbra à regione Petre Sogdiane Hevelii.

Ex Epilogismo juxta Tab. Britannicas Clarissimi Viri Vincent. Wingi,

Datur Londini T. A.

Parisiis fuisset.

	h.	"	H.		
<i>Initium</i> —————	4	56 49	5	4	49
<i>Total. obsc.</i> —————	5	56 32	6	4	32
<i>Max. obsc.</i> —————	6	46 0	6	54	0
<i>Vera &</i> —————	6	46 58	6	54	58
<i>Emerſio</i> —————	7	35 28	7	43	28
<i>Finis</i> —————	8	35 11	8	43	11

Tabule Britannice anticipant Cælum 13 55.

Luna Oriens tota sub Umbra fuit, nec nubibus obstantibus videri potuit. Intra nubes subinde visa est tota sub umbra, antequam ex hac emergeret.

So far Monsieur Bullialdus. Hoping, there will shortly come to hand the Observations, touching the same Eclipse, of some other Astronomers both English, and Forrainers, and these of Paris, Uraniburg, Dantzick, &c. we shall not fail, God permitting, to publish them hereafter.